PERDC.001C1CP1 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Scott B. Wilson

Appl. No.

10/830,177

Filed

: April 21, 2004

For

SYSTEMS AND METHODS FOR

AUTOMATIC AND

INCREMENTAL LEARNING OF

PATIENT STATES FROM BIOMEDICAL SIGNALS

Examiner

Peter D. Coughlan

Group Art Unit

2129

AMENDMENT

Mail Stop Amendment

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of October 5, 2006, the Applicant submits the following amendment and remarks for consideration in connection with the above-identified patent application.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Summary of Interview begins on page 10 of this paper.

Remarks begin on page 11 of this paper.